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SOURCE Soviet newspapers as indicated.

SCIENTIFIC CONFERENCES HELD;  
NEW MICROBALANCE DESIGNED

SCIENTISTS MEET IN KHARKOV -- Leningradskaya Pravda, No 120, 24 May 49

An All-Union Conference on Planetary Physics was held in Kharkov from 21 - 23 May. The conference, called by the Astronomy Council of the Academy of Sciences USSR, was attended by 20 prominent scientists of Moscow, Leningrad, Kiev, Alma-Ata, and other cities. Sixteen reports were read at the conference, including a report by G. A. Tikhov, corresponding member of Academy of Sciences USSR, on "Vegetation on Mars."

PHARMACOLOGISTS CONFER IN LENINGRAD -- Leningradskaya Pravda, No 120, 24 May 49

An All-Union Conference of Pharmacologists was opened on 23 May at the Institute of Experimental Medicine, Academy of Medical Sciences USSR, in Leningrad. The conference, attended by scientists from Moscow, Kiev, Yerevan, Frunze, Khabarovsk, Stalingrad, and other cities of the USSR, was opened by Academician K. M. Bykov, laureate of the Stalin Prize. Professor A. I. Khmetsov read a report on "N. P. Kravkov, Founder of Soviet Experimental Pharmacology." S. V. Anichkov, corresponding member of the Academy of Medical Sciences USSR, spoke on Kravkov's teaching on endocrine glands.

The conference will continue for 3 days and the program will include 20 reports.

NEW MICROBALANCE DEMONSTRATED -- Vechernyaya Moskva, No 122, 24 May 49

The "Tekstil'pribor" (Textile Instrument) Experimental Machine Shop in Moscow has designed a microbalance for precision weighing up to one millionth of a gram. The instrument, designed by Engineers A. P. Matveyev, A. M. Esterson, V. P. Radovitskiy, and mechanic S. A. Repnev, is extremely valuable to light industry scientific research institutes for studying fibers and their physical and mechanical properties. In demonstrating the new instrument, a piece of cotton fiber 10 millimeters long with a diameter one fourth or one third that of a human hair was weighed.

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A number of microbalances have been officially approved. The designers received awards from the Ministry of Light Industry USSR.

**GEORGIAN SCIENTIST RECEIVES DOCTORATE -- Zarya Vostoka, No 95, 17 May 49**

G. V. Gvakhariya, head of the mineralogy division of the Institute of Geology and Mineralogy, Academy of Sciences Georgian SSR, has been awarded the degree of Doctor of Geological and Mineralogical Sciences. He defended his dissertation on "Zeolites of Georgia" in the Council of the All-Union Scientific Research Institute of Mineral Resources.

**SOVIET PHYSICIST HONORED -- Vechernyaya Moskva, No 122, 24 May 49**

Scientific circles in Moscow are today celebrating the 65th birthday and the 45th anniversary of the scientific and pedagogical activity of physicist V. K. Arkad'yev, corresponding member of the Academy of Sciences USSR. Arkhad'yev, known for his research in the field of magnetism and the diffusion of electromagnetic waves, has written over 200 scientific and popular science works.

**SPRING SNOW COVERS EAST KAZAKHSTAN -- Bol'shevik Altaya, No 57, 1 Apr 49**

On 30 March a heavy snowfall covered a large part of Vostochno-Kazakhstan Oblast. On 31 March at 1600, the depth measured 20 centimeters in Ust'-Kamenogorsk and one-half meter in Leninogorsk.

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